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============================================================
Sequence Listing was accepted.
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217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: Fri May 25 14:28:05 EDT 2007
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Application No: 10519135   Version No: 2.0

Input Set:

Output Set:

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Finished:	2007-05-24 12:04:07.111
Elapsed:	0 hr(s) 0 min(s) 3 sec(s) 307 ms
Total Warnings:	20
Total Errors:	0
No. of SeqIDs Defined:	65
Actual SeqID Count:	65

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (49)
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W 213	Artificial or Unknown found in <213> in SEQ ID (52)
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              Input Set:


              Output Set:



                 Started:   2007-05-24 12:04:03.804
                Finished:   2007-05-24 12:04:07.111
                 Elapsed:   0 hr(s) 0 min(s) 3 sec(s) 307 ms
          Total Warnings:   20
            Total Errors:   0
     No. of SeqIDs Defined: 65
       Actual SeqID Count:  65
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Error code   Error Description

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gaaaagcttg tgtgtgtcaa agtcacatac ttcaacttac gtgatgggca cgataggtta     2520

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<213>  Arabidopsis thaliana ERECTA allele

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Ile Lys Lys Ser Phe Lys Asp Val Asn Asn Val Leu Tyr Asp Trp Thr
        35                  40                  45


Thr Ser Pro Ser Ser Asp Tyr Cys Val Trp Arg Gly Val Ser Cys Glu
    50                  55                  60


Asn Val Thr Phe Asn Val Val Ala Leu Asn Leu Ser Asp Leu Asn Leu
65                  70                  75                  80


Asp Gly Glu Ile Ser Pro Ala Ile Gly Asp Leu Lys Ser Leu Leu Ser
                85                  90                  95


Ile Asp Leu Arg Gly Asn Arg Leu Ser Gly Gln Ile Pro Asp Glu Ile
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Gly Asp Cys Ser Ser Leu Gln Asn Leu Asp Leu Ser Phe Asn Glu Leu
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Ser Gly Asp Ile Pro Phe Ser Ile Ser Lys Leu Lys Gln Leu Glu Gln
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Leu Ile Leu Lys Asn Asn Gln Leu Ile Gly Pro Ile Pro Ser Thr Leu
145   150   155   160

Ser Gln Ile Pro Asn Leu Lys Ile Leu Asp Leu Ala Gln Asn Lys Leu
                165   170   175

Ser Gly Glu Ile Pro Arg Leu Ile Tyr Trp Asn Glu Val Leu Gln Tyr
            180   185   190

Leu Gly Leu Arg Gly Asn Asn Leu Val Gly Asn Ile Ser Pro Asp Leu
        195   200   205

Cys Gln Leu Thr Gly Leu Trp Tyr Phe Asp Val Arg Asn Asn Ser Leu
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Thr Gly Ser Ile Pro Glu Thr Ile Gly Asn Cys Thr Ala Phe Gln Val
225   230   235   240

Leu Asp Leu Ser Tyr Asn Gln Leu Thr Gly Glu Ile Pro Phe Asp Ile
            245   250   255

Gly Phe Leu Gln Val Ala Thr Leu Ser Leu Gln Gly Asn Gln Leu Ser
        260   265   270

Gly Lys Ile Pro Ser Val Ile Gly Leu Met Gln Ala Leu Ala Val Leu
    275   280   285

Asp Leu Ser Gly Asn Leu Leu Ser Gly Ser Ile Pro Pro Ile Leu Gly
    290   295   300

Asn Leu Thr Phe Thr Glu Lys Leu Tyr Leu His Ser Asn Lys Leu Thr
305   310   315   320

Gly Ser Ile Pro Pro Glu Leu Gly Asn Met Ser Lys Leu His Tyr Leu
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Glu Leu Asn Asp Asn His Leu Thr Gly His Ile Pro Pro Glu Leu Gly

Lys Leu Thr Asp Leu Phe Asp Leu Asn Val Ala Asn Asn Asp Leu Glu
    355   360   365

Gly Pro Ile Pro Asp His Leu Ser Ser Cys Thr Asn Leu Asn Ser Leu
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Asn Val His Gly Asn Lys Phe Ser Gly Thr Ile Pro Arg Ala Phe Gln
385   390   395   400

Lys Leu Glu Ser Met Thr Tyr Leu Asn Leu Ser Ser Asn Asn Ile Lys
                405   410   415

Gly Pro Ile Pro Val Glu Leu Ser Arg Ile Gly Asn Leu Asp Thr Leu
                420   425   430

Asp Leu Ser Asn Asn Lys Ile Asn Gly Ile Ile Pro Ser Ser Leu Gly
    435   440   445

Asp Leu Glu His Leu Leu Lys Met Asn Leu Ser Arg Asn His Ile Thr
    450   455   460

Gly Val Val Pro Gly Asp Phe Gly Asn Leu Arg Ser Ile Met Glu Ile
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Asp Leu Ser Asn Asn Asp Ile Ser Gly Pro Ile Pro Glu Glu Leu Asn
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Gln Leu Gln Asn Ile Ile Leu Leu Arg Leu Glu Asn Asn Asn Leu Thr
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Gly Asn Val Gly Ser Leu Ala Asn Cys Leu Ser Leu Thr Val Leu Asn
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Val Ser His Asn Asn Leu Val Gly Asp Ile Pro Lys Asn Asn Asn Phe
    530   535   540

Ser Arg Phe Ser Pro Asp Ser Phe Ile Gly Asn Pro Gly Leu Cys Gly
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Ser Trp Leu Asn Ser Pro Cys His Asp Ser Arg Arg Thr Val Arg Val
                565   570   575

Ser Ile Ser Arg Ala Ala Ile Leu Gly Ile Ala Ile Gly Gly Leu Val
        580   585   590

Ile Leu Leu Met Val Leu Ile Ala Ala Cys Arg Pro His Asn Pro Pro
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Pro Phe Leu Asp Gly Ser Leu Asp Lys Pro Val Thr Tyr Ser Thr Pro
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Lys Leu Val Ile Leu His Met Asn Met Ala Leu His Val Tyr Glu Asp
625   630   635   640

Ile Met Arg Met Thr Glu Asn Leu Ser Glu Lys Tyr Ile Ile Gly His
        645   650   655

Gly Ala Ser Ser Thr Val Tyr Lys Cys Val Leu Lys Asn Cys Lys Pro
        660   665   670

Val Ala Ile Lys Arg Leu Tyr Ser His Asn Pro Gln Ser Met Lys Gln
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Phe Glu Thr Glu Leu Glu Met Leu Ser Ser Ile Lys His Arg Asn Leu
        690   695   700

Val Ser Leu Gln Ala Tyr Ser Leu Ser His Leu Gly Ser Leu Leu Phe
705   710   715   720

Tyr Asp Tyr Leu Glu Asn Gly Ser Leu Trp Asp Leu Leu His Gly Pro
        725   730   735

Thr Lys Lys Lys Thr Leu Asp Trp Asp Thr Arg Leu Lys Ile Ala Tyr
        740   745   750

Gly Ala Ala Gln Gly Leu Ala Tyr Leu His His Asp Cys Ser Pro Arg
        755   760   765

Ile Ile His Arg Asp Val Lys Ser Ser Asn Ile Leu Leu Asp Lys Asp
        770   775   780

Leu Glu Ala Arg Leu Thr Asp Phe Gly Ile Ala Lys Ser Leu Cys Val
785   790   795   800

Ser Lys Ser His Thr Ser Thr Tyr Val Met Gly Thr Ile Gly Tyr Ile
            805   810   815

Asp Pro Glu Tyr Ala Arg Thr Ser Arg Leu Thr Glu Lys Ser Asp Val
            820   825   830

Tyr Ser Tyr Gly Ile Val Leu Leu Glu Leu Leu Thr Arg Arg Lys Ala
        835   840   845

Val Asp Asp Glu Ser Asn Leu His His Leu Ile Met Ser Lys Thr Gly
    850   855   860

Asn Asn Glu Val Met Glu Met Ala Asp Pro Asp Ile Thr Ser Thr Cys
865   870   875   880

Lys Asp Leu Gly Val Val Lys Lys Val Phe Gln Leu Ala Leu Leu Cys
            885   890   895

Thr Lys Arg Gln Pro Asn Asp Arg Pro Thr Met His Gln Val Thr Arg
            900   905   910

Val Leu Gly Ser Phe Met Leu Ser Glu Gln Pro Pro Ala Ala Thr Asp
        915   920   925

Thr Ser Ala Thr Leu Ala Gly Ser Cys Tyr Val Asp Glu Tyr Ala Asn
    930   935   940

Leu Lys Thr Pro His Ser Val Asn Cys Ser Ser Met Ser Ala Ser Asp
945   950   955   960

Ala Gln Leu Phe Leu Arg Phe Gly Gln Val Ile Ser Gln Asn Ser Glu
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<213>   rice ERECTA

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agagttaata tttcaaagac agcaattgct tgcattatct taggctttat catattgctc     1860

tgcgttctgc tgttggctat atataaaaca aatcaaccac agccacttgt caaaggatcc     1920
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<210>   4
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<212>   PRT
<213>   rice ERECTA

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1               5                   10                  15


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        35                  40                  45
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Ala Ala Asn Ala Leu Val Asp Trp Asp Gly Gly Ala Asp His Cys Ala
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Trp Arg Gly Val Thr Cys Asp Asn Ala Ser Phe Ala Val Leu Ala Leu
65   70   75   80

Asn Leu Ser Asn Leu Asn Leu Gly Gly Glu Ile Ser Pro Ala Ile Gly
                  85   90   95

Glu Leu Lys Asn Leu Gln Phe Val Asp Leu Lys Gly Asn Lys Leu Thr
                  100   105   110

Gly Gln Ile